IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

1. (Currently Amended) A linear guiding apparatus, comprising:

a shaft; and

a shaft holding apparatus adapted to slide along the shaft, wherein the shaft holding apparatus comprises:

a body ~~which has~~ comprising a ~~V-shape~~ V-shaped supporting surface, wherein the ~~V-shape~~ V-shaped supporting surface is ~~along the axis of the shaft and supports~~ capable of supporting ~~the outer edge of~~ the shaft;

an elastic member mounted ~~on~~ to the body, wherein the elastic member is capable of elastically ~~contacted~~ contacting ~~the outer edge of~~ the shaft, and wherein the shaft is ~~clipped~~ positioned between the elastic member and the ~~V-shape~~ V-shaped supporting surface; and

an adjusting member mounted on the body ~~and contacted the elastic member~~, wherein the adjusting member is capable of adjusting ~~utilized to adjust~~ the position of the elastic member ~~so that the shaft of any diameter can be clipped between the elastic member and the V-shape supporting surface~~.

2. (Currently Amended) The linear guiding apparatus according to claim 1, wherein the elastic member ~~includes~~ comprises a leaf spring.

3. (Currently Amended) The linear guiding apparatus according to claim 1, wherein the adjusting member ~~includes~~ comprises a screw.

4. (Currently Amended) The linear guiding apparatus according to claim 1, wherein the body ~~has~~ comprises a lead screw, and wherein the elastic member and the adjusting member are mounted on the lead screw, and further wherein the elastic member ~~includes~~ comprises a leaf spring and the adjusting member ~~includes~~ comprises a nut.

5. (Currently Amended) A linear guiding apparatus, comprising:

a shaft; and

a shaft holding apparatus adapted to slide along the shaft, wherein the shaft holding apparatus comprises:

a body ~~which has a V-shape~~ comprises a V-shaped supporting surface, wherein the ~~V-shape~~ V-shaped supporting surface is along the axis of the shaft ~~and supports the outer edge of the shaft~~;

an adjusting member mounted on the body; and

an elastic member mounted on the adjusting member, wherein the adjusting member is ~~utilized to adjust~~ capable of adjusting the position of the elastic member so that the elastic member is elastically contacted to the ~~outer edge of the~~ shaft, wherein the shaft ~~of any diameter can be clipped~~ is positioned between the elastic member and the V-shape supporting surface.

6. (Currently Amended) The linear guiding apparatus according to claim 5, wherein the elastic member ~~includes~~ comprises a washer.

7. (Currently Amended) The linear guiding apparatus according to claim 5, wherein the

elastic member ~~includes~~ comprises a spring.

8. (Currently Amended) The linear guiding apparatus according to claim 5, wherein the adjusting member ~~includes~~ comprises a screw.

9. (Currently Amended) The linear guiding apparatus according to claim 5, wherein the adjusting member ~~includes~~ comprises a plurality of orientation slot pairs, wherein the orientation slot pairs are formed on the body, and wherein the distance between the shaft and each of the orientation slot pairs are different, and wherein the elastic member ~~includes~~ comprises a leaf spring, and wherein the two ends of the leaf spring ~~is~~ are inserted to one of the orientation slot pairs so that the leaf spring is bent to ~~be~~ elastically ~~contacted~~ contact the shaft.

10. (Currently Amended) A shaft holding apparatus [[,]] adapted to slide along a shaft, the shaft holding apparatus comprising:

a body ~~which has~~ comprising a ~~V-shape~~ V-shaped supporting surface, wherein the ~~V-shape~~ V-shaped supporting surface is positioned along the axis of the shaft and wherein the V-shaped supporting surface is capable of supporting ~~supports the~~ an outer edge of the shaft;

an elastic member mounted on the body, wherein the elastic member is elastically contacted to the outer edge of the shaft, and wherein the shaft is ~~clipped~~ positioned between the elastic member and the ~~V-shape~~ V-shaped supporting surface; and

an adjusting member mounted on the body and contacted to the elastic member, wherein the adjusting member is ~~utilized to adjust~~ capable of adjusting the position of the elastic member ~~so that the shaft of any diameter can be clipped between the elastic member and the V-shape supporting surface~~.

11. (Currently Amended) The shaft holding apparatus according to claim 10, wherein the elastic member ~~includes~~ comprises a leaf spring.

12. (Currently Amended) The shaft holding apparatus according to claim 10, wherein the adjusting member ~~includes~~ comprises a screw.

13. (Currently Amended) The shaft holding apparatus according to claim 10, wherein the body ~~has~~ comprises a lead screw, and wherein the elastic member and the adjusting member are mounted on the lead screw, and further wherein the elastic member ~~includes~~ comprises a leaf spring and the adjusting member ~~includes~~ comprises a nut.

14. (Currently Amended) A shaft holding apparatus [[,]] adapted to slide along a shaft, the shaft holding apparatus comprising:

a body ~~which has~~ comprising a ~~V-shape~~ V-shaped supporting surface, wherein the ~~V-shape~~ V-shaped supporting surface is capable of being positioned along the axis of the shaft and further wherein the V-shaped supporting surface is capable of supporting ~~supports the outer edge of~~ the shaft;

an adjusting member mounted on the body; and

an elastic member mounted on the adjusting member, wherein the adjusting member is ~~utilized to adjust~~ capable of adjusting the position of the elastic member so that the elastic member is capable of being elastically contacted to the ~~outer edge of the~~ shaft~~, the shaft of any diameter can be clipped between the elastic member and the V-shape supporting surface~~.

15. (Currently Amended) The shaft holding apparatus according to claim 14, wherein the elastic member ~~includes~~ comprises a washer.

16. (Currently Amended) The shaft holding apparatus according to claim 14, wherein the elastic member ~~includes~~ comprises a spring.

17. (Currently Amended) The shaft holding apparatus according to claim 14, wherein the adjusting member ~~includes~~ comprises a screw.

18. (Currently Amended) The shaft holding apparatus according to claim 14, wherein the adjusting member ~~includes~~ comprises a plurality of orientation slot pairs, wherein the orientation slot pairs are formed on the body, and wherein the distance between the shaft and each of the orientation slot pairs are different, and further wherein the elastic member ~~includes~~ comprises a leaf spring, and further wherein the two ends of the leaf spring ~~is~~ are inserted ~~to~~ into one of the orientation slot pairs so that the leaf spring is bent to be elastically contacted to the shaft.

19. (New) A guiding apparatus for a scanner, comprising:

a V-shaped supporting surface capable of supporting a body on a shaft, wherein the body comprises optical components;

an elastic member coupled to the body and capable of contacting the shaft; and

an adjusting member capable of adjusting the position of the elastic member.

20. (New) The guiding apparatus for a scanner of claim 19, wherein the elastic member comprises a leaf spring.

21. (New) The guiding apparatus for a scanner of claim 19, wherein the adjusting member comprises a screw.

22. (New) The guiding apparatus for a scanner of claim 19, wherein the elastic member is comprised of a low-friction material.

23. (New) A guiding apparatus for a scanner, comprising:

means for supporting a body on a shaft, wherein the means for supporting a body on a shaft comprises a V-shaped surface, and wherein the body comprises optical components;

means for positioning the shaft against the V-shaped means for supporting the body; and

means for adjusting the position of the means for positioning the shaft against the V-shaped means for supporting the body.